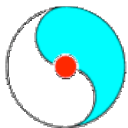




# Run-6 Preparation & Plan

Abhay Deshpande  
Stony Brook & RBRC

Time and Planning Meeting  
1/31/2006



# Run Preparation (status)

- Muon Piston Calorimeter installed & wired
- East carriage rolled in
- Week of Jan 23
  - CM area swept & magnet tests (done)
  - Continue blue sheets
  - Connect EC services
  - HBD plumbing completed
- Week of Jan 30
  - Installation of shield wall (almost complete)
  - Drift Chamber 2 wire broken: repairs started, expect to finish tomorrow



# Physics Run Proposal

- 200 GeV CM transverse (radial) operation for Sivvers function for **4 weeks**
  - $\sim 5 \text{ pb}^{-1}$ ,  $> 50\%$  beam polarization
- 200 GeV CM longitudinal operation for DG for **6-7 weeks**
  - All we can get with  $\sim 60\%$  beam polarization ( $P^4L$  improvement 4 or more compared to Run-5)
- 62.4 GeV CM (transverse) operation for comparison of Cu-Cu and Au-Au data set **2 weeks**
  - $0.6 \text{ pb}^{-1}$  any polarization
- **22 GeV CM operation 3 days [recommended by PAC]**
  - **3 days with  $4 \text{ nb}^{-1}$  requested**
  - **Consistent with recent luminosity estimates from Wolfram Fischer ( $10\text{-}40 \text{ nb}^{-1}$ )**
- 500 GeV CM operation for **1 week**



# PHENIX organization

- Shift schedule is being filled
  - Decent rate
  - I will check again tomorrow and see that no holes are left for the first two weeks (at least)
- 9 Period coordinators have been found
  - From tomorrow AD will start communicating with them regarding
    - Their responsibilities
    - Safety issues
    - Presentations for shift preparedness
- Detector responsible people will be contacted (again) starting tomorrow to setup specialized detector shifts
- Trigger setup for different parts of the run: discussion already started with Jamie and every one
- Production of data (1008, Vanderbilt, and CCJ)
- Data transfer issues being tested this and next week, manpower issue addressed